

DX LISTENING DIGEST 7-035, March 17, 2007
Incorporating REVIEW OF INTERNATIONAL BROADCASTING
edited by Glenn Hauser, <http://www.worldofradio.com>

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WORLD OF RADIO, CONTINENT OF MEDIA, MUNDO RADIAL
BROADCAST SCHEDULE EFFECTIVE MARCH 11, 2007 WITH USA DST IN EFFECT

For latest updates see our Anomaly Alert page:
<http://www.worldofradio.com/anomaly.html>

Days and times here are strictly UT.

Note: some WBCQ times may be followed by an immediate repeat.

Note: WWCR streams run up to 5 minutes behind broadcast

Wed 2200	WBCQ	7415	[first airing of each edition]
Wed 2300	WBCQ	18910-CLSB	
Thu 1430	WRMI	7385	
Thu 1500	KAIJ	9480	
Fri 1030	KAIJ	5755	
Fri 2030	WWCR1	15825	
Sat 1330	WRMI	7385	[thru March 24 only]
Sat 1630	WWCR3	12160	
Sat 2130	WRMI	9955	
Sun 0230	WWCR3	5070	
Sun 0630	WWCR1	3215	
Sun 0800	WRMI	9955	
Sun 1500	WRMI	7385	[NEW]
Mon 0300	WBCQ	9330-CLSB	
Mon 0415	WBCQ	7415	[time varies]

Mon 1330 WRMI 7385 [thru March 19 only]

WORLD OF RADIO, CONTINENT OF MEDIA, MUNDO RADIAL SCHEDULE:

Latest edition of this schedule version, including AM, FM, satellite and webcasts with hotlinks to station sites and audio, is at:
<http://www.worldofradio.com/radioskd.html>

For updates see our Anomaly Alert page:

<http://www.worldofradio.com/anomaly.html>

WRN ON DEMAND:

<http://new.wrn.org/listeners/stations/station.php?StationID=24>

OUR ONDEMAND AUDIO [also CONTINENT OF MEDIA, MUNDO RADIAL]

<http://www.worldofradio.com/audiomid.html>

or <http://wor.worldofradio.org>

WORLD OF RADIO PODCASTS: www.obriensweb.com/wor.xml

** AFGHANISTAN [non]. R. Solh continues to play that catchy theme tune without fail every day at 1451-1457 UT on 15265. In A-07 this transmission from Rampisham makes the usual switch to 17700 and expands to 1200-1800, so we'll see if the same music keeps running on that frequency (Glenn Hauser, March 14, DX LISTENING DIGEST)

** ALBANIA. R. Tirana A-07, all 100 kW from Shijak:

kHz	UT	CIRAF	Az	slw	Ant	Days	Dates	Analog	Language
6035	1845	1900	27	0	0	925	234567	250307	281007 D ENGLISH
6035	1901	1930	28	0	0	925	234567	250307	281007 D ITALIAN
6115	0145	0200	8	300	0	216	1	34567	250307 281007 D ENGLISH
6115	0230	0300	8	300	0	216	1	34567	250307 281007 D ENGLISH
6145	1800	1815	28	0	0	925	234567	250307	281007 D SER/CRO
7105	0630	0900	28	0	0	925	1234567	250307	281007 D ALBANIAN
7425	0145	0200	8	310	0	146	1	34567	250307 281007 D ENGLISH
7425	0230	0300	8	310	0	146	1	34567	250307 281007 D ENGLISH
7425	2300	0030	8	310	0	146	1234567	250307	281007 D ALBANIAN
7465	1845	1900	27	310	0	146	234567	250307	281007 D ENGLISH
7465	1901	1930	27	310	0	146	234567	250307	281007 D FRENCH
7465	1931	2000	28	0	0	925	234567	250307	281007 D GERMAN
7465	2000	2030	27	0	0	925	234567	250307	281007 D ENGLISH
7465	2030	2200	28	0	0	925	1234567	250307	281007 D ALBANIAN

(HFCC via Drita «iÁo, ALR, March 16, DXLD)

Radio Tirana with a booming signal on 6115 (fair on 7465). 0247 - 4 second I.S. and into news and review of the Albanian newspapers. 4 seconds I.S at 0257 and off. Are we now down to 10 minutes of English? Regards, (Tom Sliva, Grundig 800, 70" copper wire - NYC, UT March 18, DX LISTENING DIGEST)

** ANGOLA. 4950, RNA-Canal "A", Mulenvos, 1852-1906, 10 Mar, Portuguese, football match report; 55343, noisy carrier & undermodulated (Carlos GonÁlves, Portugal, DX LISTENING DIGEST)

** ANTARCTICA. Checking for LRA36, March 14 at 1910, I was only able to detect a carrier on 15476 (not 15475), occasionally reaching S4 above the local S3 noise level, but this marks another day it was evidently on the air (Glenn Hauser, OK, DX LISTENING DIGEST)

** ANTARCTICA. Op 15476 kHz, 1916 UT, Radio Nac. Arc·ngel San Gabriel. Nice program with Spanish music, poor audio and signal. Gr. (Maurits van Driessche, Belgium, Mar 14, bdx via DXLD)

15476, 1928 UT 16/3 good signal and audio, program Spanish music with guitar, and female talks, local news, SINPO 44444. Gr (Maurits van Driessche, Belgium, NRD545, antenna best LW25 meter +ATU EZ100 EKD, bdx via DXLD)

** ARGENTINA. 15345, RAE, 2333-2355*, March 12 (Mon.), live music concert with sound of the audience clapping (per their website: "M'sica Viva - Conciertos grabados en presentaciones p'blicas"), ID iRadio Nacional de la Rep'blica and iRAE, 2352 IS loop, with iRAE, Argentina IDs, good-fair (Ron Howard, Monterey, CA, EtÙn E5, dxldyg via DX LISTENING DIGEST) Collision coming: see SPAIN

** ARGENTINA. 5130 iAM1710i, Ciudad Autonoma de Buenos Aires, 0035-0045, March 16, Spanish. (Harmonic: 1710 x 3), Ann iMunro Showi magazine, local ad, announcement & ID as: iLa Ruleta... por la 1710... la radio de la gentei, Other ID as: iTransmite AM1710, Buenos Aires, Argentinai, musical jingle, 24432 (Arnaldo Slaen, Argentina, Noticias DX via DXLD)

** AUSTRALIA. 4910, VL8T, Checked this out again 12 March and found it suddenly popped on at 2129:44 in mid-promo for 783 ABC Alice Springs. Into news at BoH (which would be their ToH). Beautiful signal by the end of the news at 2140. Of course 4835 was also in, and there sounded like some English poking through at times under 5025 Rebelde but I couldn't be 100% certain. 73 (Dave Valko, PA, HCDX via DXLD)

Concerning the recent remarkable late afternoon reception of Australian 60m stations by Bob Hill in MA and Dave Valko in PA I think the path is across the very Southern Indian Ocean (below Kerguelen and Crozet Islands, passing just south of Cape Town thence to N Am on a path parallel to transmissions from Ascension. The interesting point is that the path is almost totally over water. Probably not a single ground reflection is on land. Isn't seawater a much less lossy reflector than land? (Jerry Lenamon, March 17, dxldyg via DX LISTENING

DIGEST) Yes! (gh)

Okay passing west of Ascension --- According to DX Atlas, the region of darkness at 2254 UT is between Sumatra and Bonaire. There is a gap in morning sunshine between Katherine / Darwin etc. of 4000 km wide!!! And more 4000 km wide in afternoon sunshine between Bonaire and Chicago. The usual short path via Pacific passing PNG, Marshall Islands, north of Hawaii to LA / San Francisco, according DX Atlas. 73 wb (Wolfgang B.schel, *ibid.*)

Hmmm. Do you think it may have been a short path? I don't have the DX Atlas but looking at my globe it appears that at about 2200z the SR/SS line is at about 55W/125E. It seems to me that the long path has closer to 1500-2000 km of daylight at the each end rather than 4000 km. But no matter which number is right, the long path is still mostly dark, whereas the short path is totally daylight. Regards, (Jerry Lenamon, *ibid.*)

** AUSTRIA [and non]. Hi Glenn, ORF was found missing on 6155 last Sunday (March 11) and again yesterday (March 12) at 1500, thus allowing reception of co/channel CNR-2 which I had never ever heard there before. Also, adjacent R Rossii (6160, Arkhangelsk) and 938LIVE (6150) were much better without the usual sidesplatter. ORF transmitter suddenly re-appeared at 1529. I wonder if these silent periods are intentional? 73 (Martien Groot, Schoorl, Netherlands, DX LISTENING DIGEST)

** BANGLADESH. 4750, Bangladesh Betar, Shavar, 1650-1708, 11 Mar, Bengali, local songs, talks (news?) 1700; 35332 (Carlos GonÁalves, Portugal, DX LISTENING DIGEST)

** BELGIUM. During the new radio season Radio RTBF International will broadcast, starting March 25, on 9970 kHz from 05 to 20 hours for Europe and from 03 to 05 hours and from 19 to 21 hours for Africa. The QSL address is: RTBF International, Boulevard Reyers 52, B-1044 Brussels, Belgium (Rumen Pankov, R. Bulgaria DX March 16, via John Norfolk, dxldyg via DXLD)

** BENIN. 5025, ORTB, Parakou, 1026-f/out 1205, 11 Mar, French, talks, music; 25442, and then again 1512-1610, French too, African pops, talks, sports news 1600, 35443 (Carlos GonÁalves, Portugal, DX LISTENING DIGEST)

** BERMUDA. 1230, ZFB, Bermuda Spirit, Hamilton. Very nice email today from Barry Fraser, iCoordinator Bermuda Spirit (ZFB) 12-30 AM Radioi. Things are happening on the Bermuda radio scene too, as he writes: iThank you so much for your report. It is so good to know our station carries that far. We hope to move to FM within six months, and by then

we will be streaming on the internet.î (Arnstein Bue / DX Paradise via DXing the Finnish Way Mar 12 via DXLD)

** BOLIVIA. 4650.3, R. St™ Ana, St™ Ana del Yacuma, 2228-2238, 10 Mar, Spanish, talks, references to social aid & cooperation, news; 45332.

4716.6, R. Yura, Yura, 2231-2241, 10 Mar, Quechua, few talks, Indian tunes & songs; 25331.

4865, R. Logos, St™ Cruz de la Sierra, 2236-2244, 10 Mar, German, preacher; 23331, QRM de Brasil (Carlos GonÁlves, Portugal, DX LISTENING DIGEST)

** BOLIVIA. President of Bolivia, Evo Morales, inaugurated on February 25 the 9th radio broadcasting station in the 'Sistema Nacional de Radios de los Pueblos Originarios' in the colonial city of Totora, capital of the Carrasco province of the Department of Cochabamba. The station is called 'Radio Totora' and it transmits on 1030 kHz on Medium Wave, covering 200 kilometers around the city of Cochabamba. <http://www.redbolivia.com> via <http://finndixer.wordpress.com/> (via ARC SOUTH AMERICAN NEWS DESK March 2007, edited by Tore B. Vik, MYSEN, Norway via Tore Larsson, ARC, DXLD)

** BRAZIL. 4885, R. Club do Par., Belém PA, 1108-fadeout 1125, 10 Mar, talks, music; 15331; also 1939-2028, 10 Mar, talks,....,music; 15321 but improving (35433 at 2015).

4935, R. Capixaba, Vitória ES, 2242-..., 10 Mar, shouting preacher with Castilian translator, all before a live audience where "miraculous" cures were reported... - what a jolly good program for a change!...; 44343.

9675, R. CanÁo Nova, Cachoeira Paulista SP, 2309-2320, 10 Mar, lively songs; 55444, but overmodulated and spilling over many adjacent channels - couldn't they cure this?!

17815, R. Cultura, S,ºo Paulo SP, 1724-1755, 11 Mar, Brazilian songs; 25432, and best received via the K9Ay loop antenna (Carlos GonÁlves, Portugal, DX LISTENING DIGEST)

Carlos GonÁlves has reported R. Cultura, S,ºo Paulo active, but I had not been able to pull this low-power station above the home QTH noise level. So looked for it on low-noise Meadowlake Park DXpedition, Enid, and could detect some vocal music on 17815, March 17 at 2324-2330+, still weak and not enough signal to light up any strength bars on the DX-398 and whip. Unfortunately, the reel-out antenna I brought along didn't work as when plugged into the jack, there was no connexion but the whip was bypassed. Next time: bring alligators to clip onto whip

(Glenn Hauser, MLPDX, OK, DX LISTENING DIGEST)

Solar-terrestrial indices for 17 March follow. Solar flux 69 and mid-latitude A-index 8. The mid-latitude K-index at 0000 UTC on 18 March was 1 (05 nT). No space weather storms were observed for the past 24 hours. No space weather storms are expected for the next 24 hours (SEC via DXLD)

** BURKINA FASO. 7230, R. Burkina, Ouagadougou, 1147-..., 10 Mar, French, talk program about women's issues, news at 1200; 25342, and rated 45444 on 11 Mar at 1100 (Carlos GonÁlves, Portugal, DX LISTENING DIGEST)

** CANADA. March 17 at 1332 on 6754-SSB was hearing terminal forecasts for places such as Zagreb, Split, Ancona - something; at 1334, ID sounded like ``This is Transamerica, Inc.,`` and then to Shannon, Prestwick. However, per numerous logs in UDXF on 6754, this must have been just Trenton Military, Ont. I would not have expected to hear weather for Croatia on this station, but I guess they have some flights headed there, and at this hour it would not have been something directly from Europe (Glenn Hauser, OK, DX LISTENING DIGEST)

** CANADA. CHU was inaudible on 7335, March 15 at 1310, altho RCI was in on 7325. Apparently another all-too-frequent outage. Then checked 14670 and the pips were just barely audible, the latter coming in well by 1349. Back to business, timesignals only, no announcements about licensing, etc. March 16 around 0530, 7335 was on again with a VG signal (Glenn Hauser, OK, DX LISTENING DIGEST)

** CANADA. RCI A07 Schedule is now available online at :
http://www.rcinet.ca/rcl/PDF/A07_SW.pdf
(Alokesha Gupta New Delhi, March 14, dxldyg via DX LISTENING DIGEST)

** CANADA. Finally, CBC Radio 2 is available in 5 timezone-shifted webcasts, just like Radio 1, instead of Eastern only; no doubt connected with the imminent launch of its revamped programming:
<http://www.cbc.ca/radio2/> I haven't investigated thoroughly but these don't seem to be connected with particular cities (Glenn Hauser, March 17, DX LISTENING DIGEST)

I agree, Glenn - looks like these are labeled simply as "Atlantic", etc. There are "on demand" offerings, but the CBC is very persnickety about on-demand music availability, so I doubt much of the Radio 2 schedule will be available that way. The five time zones appear to be kept highly visible in order to create a "time shift" opportunity where possible. In any event, it's a good development; hopefully the programming will justify the optimism (Richard Cuff / Allentown, PA, swprograms via DXLD)

I monitored the Atlantic CBC R2 feed at 1504 UT March 17; after Maritime weather there was a local ID for 93.3 in Middleton --- Nova Scotia, that is, a relay of CBH in Halifax. Strange to originate the entire Atlantic zone feed from there (Glenn Hauser, DX LISTENING DIGEST)

That Middleton ID was most likely aired across Nova Scotia. CBC Halifax tends to rotate through a bunch of local IDs through the day across its regional network instead of using one ID per transmitter. (Ricky Leong, Calgary AB, Swprograms mailing list via DXLD)

0 yes, CBC does that. What they ought to say is, conditionally, ``IF you are listening to 93.3, this is CBC Radio Two via Middleton, Nova Scotia`` (gh, DXLD)

``...As part of the change, newscasts on the Radio Two network have shrunk to three minutes and a new dedicated website offers live streaming, blogs and podcasts.

Programs such as Global Village, The Arts Report and Jazz Beat have their last airing this week to make way for the revamped schedule.

The next stage of the changes on CBC Radio includes a revamp of the weekend schedule and creation of a new weekday arts magazine show hosted by musician and CBC personality Jian Ghomeshi to begin airing in April."

CBC RADIO TWO REVAMPS SCHEDULE WITH NEW MUSIC SHOWS
<http://www.cbc.ca/arts/media/story/2007/03/16/radio-two.html>
(via Dan Say, DXLD)

CBC RADIO 1 AND 2 REJIGGING THEIR LINEUPS MONDAY

Some changes coming to CBC Radio 1 and 2, on Monday.

Northern Lights has been dropped on Radio 1 (boo).

It seems that they will be repeating some programs normally heard at other times, namely Quirks and Quarks (Monday), Tapestry (Tuesday), Writers and Company (Wednesday), Vinyl Cafe (Thursday), Randy Bachman's Vinyl Tap (Friday) in the 11 pm hour.

The most significant change for fans of international broadcasting is the addition of an extra hour of CBC Overnight at midnight. This will now run from 12 to 6 instead of 1 to 6. No word on which international broadcaster(s) will make up the extra hour.

Randy Bachman's Vinyl Tap, a 2 hour show, pushes CBC Overnight back to its current 1 am start time early Saturday morning (Fred Waterer, Ont., March 15, dxldyg via DX LISTENING DIGEST)

** CENTRAL AFRICAN REPUBLIC. ICDI was already mentioned in the WRTH 2007 as a F.P1. on page 153: ``R. Tuma Yere at (rlg.) Boali on 6030 kHz 1 kW in French, Sango, Aka and Yulbe.'' (Glenn Hauser, DX LISTENING DIGEST)

7.3.07 || Radio Tuma Yere in Boali listed as a future plan is now on the air between 0500-0800 and 1600-2000 Mon-Fri and uses the work name "Radio ICDI" (Integrated Community Development International) until another name is chosen. Other details: Address: B. P. 362, Bangui Tel: +236 508622 Web: <http://www.icdinternational.org/radio.html> Email: radioicdi @ gmail.com L.P: Josue Mbami, Mgr. (WRTH Online update via DXLD)

** CHINA. 6065, CNR-2/CBR, 1333-1356, March 13, iStudio Classroom Worldwidei with story about Justin, who recently moved to Taipei, Taiwan. Audio of this and other programs are on-line at: http://studioclassroom.com/sc/sc_radio.php This is a segment of the one-hour iEnglish Eveningi program (1300-1400), fair. 5985, CRI, 1622-1637, March 13, in Swahili to E. Africa. Mostly talking, some highlife music, fair-good (Ron Howard, Monterey, CA, EtÙn E5, DX LISTENING DIGEST)

** COLOMBIA. Hi fellas, I'm no specialist in harmonics and I rarely log one, but I heard a Colombian accent on 12070 with no ID, this Sat. 17, 1330, with deep fades, and I can't think of anything else but La Voz del Guaviare, 6035 X 2. Although is listed in EiBi until 1300 for their morning period, there's no other Latin American on that frequency. So give it a try. Signal enhanced near 1400. Was waiting for ID and suddenly Radio Sweden screwed it up on 12070. 73 (Ra'l Saavedra, Costa Rica, dxldyg via DX LISTENING DIGEST)

I vaguely recall that such a harmonic was reported before, altho it does not appear in the old lists here:

<http://www.dxradi.co.uk/harmonics.php>

However there was an unID on 18105 heard in UK at 1152 in 2001y (Glenn Hauser, DX LISTENING DIGEST)

** COLOMBIA. 6139.79, R. LÌder, Bogot., 0405-0430+ March 11, reactivated. Spanish pop music, ballads. IDs between each song. Strong, audio slightly distorted. Winning the battle against a weaker Cuba on 6140. Best in ECSS-LSB (Brian Alexander, Mechanicsburg PA, DX LISTENING DIGEST)

R. LÌder, 6139.8, still running March 17 at 0609 ending news; audio is

somewhat distorted (Glenn Hauser, OK, DX LISTENING DIGEST)

** CUBA. 5025, R. Rebelde, Bauta, 1025-f/out 1150, 11 Mar, songs, talks, infos; 35433. Co-channel Benin also audible... via the CeAfr Beverage (Carlos GonÁlves, Portugal, DX LISTENING DIGEST)

** CUBA. Closing Despertar con Cuba, March 14 at 1400 on 9550, Manolo de la Rosa mentioned that it starts at 1100 UT = 7 am hora de verano de Cuba, thus confirming that they indeed are already on DST like the USA. RHC sensibly keeps its SW programming on UT without shifting, which means Manolo & Co. have to get up an hour later in the morning during DST.

RHC missing from 15370, March 15 at 1315 while it was well heard on 15190; at 1337 recheck, 15370 was on, VG.

Spy letters in groups of 5 substituting for numbers, March 14 at 1407 on 11764 CW, i.e. A1, not A2 or A3. Rather weak. Now maybe we know why RHC has been missing from 11760 in the mornings. I usually file these under UNIDENTIFIED but whom are we kidding? (Glenn Hauser, OK, DX LISTENING DIGEST)

Dentro-Cuban Jamming Command was already in full swing March 18 at 0028 on 9480, against VOA's open carrier prior to Spanish service, which is not totally about Cuba. For this, RHC in English deserves to get jammed, since so much of its programming is anti-American. Lucky for them, the US, even under Bush accepts freedom of expression on SW.

At 0027, RHC on 6000 // 9600 with a gringo-accented item about Ch·vez. Since it was on RHC, it must have been pro-, since no opposing viewpoints exist (Glenn Hauser, MLPDX, OK, DX LISTENING DIGEST) See also CZECHIA [non], ECUADOR [and non]

** CZECHIA [non]. R. Praga, 6000 via Sackville, March 17 at 2353 concluding Panorama Checo which was about a Cuban, colliding with big open carrier and heavy SAH from RHC. At least RHC seems to be holding off modulation until 0000 (Glenn Hauser, MLPDX, OK, DX LISTENING DIGEST) see also ECUADOR [and non]

** DOMINICAN REPUBLIC. 5009.78, R. Pueblo, Santo Domingo, 1113-1135+ March 9, tune-in to man singing a cappella. 1115 ID and several minutes of Spanish talk, then back to more Spanish a cappella singing. Poor in noise (Brian Alexander, Mechanicsburg PA, DX LISTENING DIGEST)

** ECUADOR. Glenn, Just returned from my first Kulpsville. I spent some time with Allan Graham trying to find a clear frequency for the 12 hour DRM broadcast that will continue from Quito (Pifo). Not an easy job trying to find that many hours of clear frequency for that

wide a bandwidth. Did manage to get them away from Oman, at least for now. The process of finding frequencies using the information obtained from the database is mind boggling, at least for me. The DRM is in English and perhaps DXPL will again be transmitted from Pifo. 73 (Mick Delmage, Sherwood Park, Alberta, March 13, DX LISTENING DIGEST)

As I pointed out, 15200 interferes with e.g. VOA which uses 15205 a lot. And what was wrong with 9820? Altho I did not monitor that much, HFCC showed no significant collisions there, unlike 9595. E.g., If XEYU comes back on 9599.4v, they will be blocked (Glenn Hauser, DX LISTENING DIGEST)

15200, HCJB, Pifo, Ecuador -- perfect signal from the HCJB DRM test at 1815 tune in with English 'Mosaic Today' program. Encoding: AAC no SBR mono 9.1 kbs, SNR 15db. Requesting email reception reports at the bottom of the hour. Nice for a reported 4 kW (Brandon Jordan, Memphis, TN, March 17, WinRadio G313e w/ DRM demodulator, Wellbrook ALA-330S, dxldyg via DX LISTENING DIGEST)

ECUADOR [and non]. HCJB DRM still going on 15200, March 17 around 2326; at 0027 found it much weaker on evening frequency 9595, but still enough to mess up some unID analog station on 9590, but not RHC on 9600.

HCJB Spanish service going into spe-cial Eng-lish program Spotlight, Sat March 17 at 2345 on 11700 (Glenn Hauser, MLPDX, OK, DX LISTENING DIGEST)

** EGYPT. R. Cairo, 11950, English to NAm broadcast doing better than before, March 17 at 2333 in Arabic choral music, almost as strong as Arabic service 12050, but some ACI from Spain 11945. 0025 recheck March 18, 11950 was almost gone tho 9360 to LAm was in well with more Arabic music (Glenn Hauser, MLPDX, OK, DX LISTENING DIGEST)

** ETHIOPIA. 7165.2, R. Ethiopia, Gedja Jawe (or is it Jewe?), 1653-1703, 11 Mar, English, western pops, closing announcements, p. o. box address in the capital, French prrogram 1700, talks (news?); 32441, adjacent QRM, rather stronger right after 1700 thus spoiling reception even further (Carlos GonÁlves, Portugal, DX LISTENING DIGEST)

** EUROPE. RADIO ODYSSEY TRANSMITTER/ANTENNA INFO

Direct from station in response to reception report

Some info about us: We are a couple of friends that recently moved from MW to the shortwave bands. The transmitter and modulator are homebrew. The RF PA consists of 4x4400 tetrode tubes in parallel configuration, that produce 2.5 KW of output power under CCS

conditions. They run cool at roughly 2KW level. Sometimes, depending on propagation and RFI problems, two of the tubes go off, and the power output drops to 1 KW. Late in the evening, probably after 22:00 UTC, we run 2 KW.

The modulator uses two 833 triodes in push - pull configuration, producing a maximum of 2 KW of audio power in forced-air-cooling CCS conditions. They modulate the plate and screen (via AF chokes) of the RF PA.

The antenna is an inverted Vee dipole, 10 m higher from the roof, at the center, and about 17m from the ground. I'm planning to use some kind of directive antenna, although there is not much space around. Some more infos and photos will be posted as soon as they are ready. Hope to hear us again soon. Greetings, Radio Odyssey (via William K. Hertz, March 13, DXLD) Allegedly in GREECE

** FALKLAND ISLANDS [and non]. Strangers in the Night, Saturday 17 March 2007 20:00-21:00 (Radio 4 FM) --- Michael Nicholson recalls the night of the Argentinian invasion of the Falkland Islands in 1982 with the help of some astonishing radio archive from the Falkland Island Broadcasting Service. When radio station manager Patrick Watts turned up to present his weekly 60-minute music request show, the programme turned into a marathon 16-hour broadcast as islanders phoned in with their sightings of the invading army.

<http://www.bbc.co.uk/radio4/archivehour/pip/ptvc9/>
(via Fred Waterer, dxldyg via DXLD)

** GABON. 7270, R. Gabon, Melen (correct site?), 1055-..., 11 Mar, tribal songs; 13441, adjacent DRM QRM 7275 (Carlos GonÁlves, Portugal, DX LISTENING DIGEST)

** GERMANY [non]. DW loud and clear here on 15275 in English news at 1902 March 14, despite being 142 degrees from Sines per HFCC, and only a semihour broadcast now, roughly off the back.

DW Hausa, 17800 via Rwanda, March 15 at 1346 was spelling out address in Bonn, ``Germany''. Isn't there a Hausa word for Germany, perhaps totally incognate like in Hungarian, Portuguese, Finnish? Former British colonial influence in Nigeria must have led to this oddity. Or is it just that English country terminology is encouraged in international mail? (Glenn Hauser, OK, DX LISTENING DIGEST)

** GERMANY [and non]. Deutsche Welle A-07 English sked 25 March to 27 Oct 2007

0000-0058 e+seAS 7245tr 13730kr 15595ko
0300-0400 sAS 11695tr 13810dh

0400-0457 AF 7245ki 7225ra 12045dh 15445tr
0500-0530 AF 5945si 9700ki 9700ki
0600-0630 wAF 7310si 15275ki
0900-1000 eAS 15340kr 17770tr
1600-1658 sAS 6170tr 9485tr 15640(na:-30/4, ra:1/5-)
1900-1930 e,c+sAF 9895as 11795tr(1/5-) 15620na(-30/4) 17820(tr:-30/4, si:1/5-)
2000-2057 e,c+sAF 7130ki 11865ra 15205ra 11795(na:-30/4,tr:1/5-)
2100-2157 wAF 15205ki 11865ki 9735(na:-30/4,ra:1/5-)

Transmitters:

as = Ascension dh = Dhabayya ki = Kigali kr = Kranji
ko = Komsomolsk na = Nauen ra = Rampisham si = Sines
tr = Trincomalee (March Australian DX News via DXLD/changes from 1 May via Wolfgang Bueschel, via WDXC via DXLD)

** GERMANY. EMR, 18th March 2007 [Sunday] 1300-1400 UT, 5965, 100 kW
1300 - MUSIC PROGRAMME - TOM TAYLOR
1315 - THE RADIO PRESENTER (dj life story)
2nd Part of The Roger Davis story
1330 - MAIL BOX - MIKE TAYLOR
1400 - CLOSE DOWN

Don't forget you can listen to EMR on the internet 24 hours a day at <http://bereik.net:9290/listen.pls> Also the programme tomorrow is via the internet service, and repeated 3 times into Sunday night.
(broadband internet connection required) Good Listening and have fun!!! 73s Tom & Mike (Tom Taylor, DX LISTENING DIGEST)

** GREECE. ERA via SVO, 5865, with nice arrangement of IS, multilingual IDs already at 2355 March 17; no dropouts. Considerably weaker than // Avlis 7475, which was weaker than 9420 (Glenn Hauser, MLPDX, OK, DX LISTENING DIGEST)

** GUIANA FRENCH [and non]. Most of the all-day-long TDF DRM transmission on 17870-17875-17880 seem to be getting by without interfering, but March 16 at 1327 I found R. Japan's Swahili service via Ascension on 17870 was bothered by QRDRM, as it was IDing before closing (Glenn Hauser, OK, DX LISTENING DIGEST) Off Sat Mar 17

** GUINEA. 7125, R. GuinÈe/R. Conakry, Sonfony[i]a, 1112-..., 11 Mar, vernacular, African music, talks; gone before 1200; 34433, adjacent QRM only (Carlos GonÁalves, Portugal, DX LISTENING DIGEST)

** HUNGARY. Re 7-034: Che Radio Budapest abbia sospeso la trasmissione in italiano È un dato di fatto, ma lo schema estivo (se corretto...) la continua ancora a riportare regolarmente

Italian to Eu
1630-1658 Daily 3975 6025
2030-2058 Daily 3975 6025
(Roberto Scaglione <http://www.bclnews.it> via DXLD)

** ICELAND. 12115 kHz in Icelandic at 1815 UT March 17. Poor with some sore of "sweeper" interference. 13865 in Icelandic with IS at 1828 UT sign-on. Very good to abrupt off at 1857 March 17. 73 (Mick Delmage, Sherwood Park, Alberta, Collins HF-2050, KLM 7-30 MHz Log Periodic, DX LISTENING DIGEST)

** INDIA. AIR Special broadcasts --- Dear Friends, Most stations of AIR were noted with live commentary of World Cup Cricket last night on MW & SW till around 2245 UT (4.15 am IST). Similar commentaries are scheduled on most days from now on till the finals on 28 Apr 07. For full schedule of plays

[http://www.allindiaraadio.gov.in/cricket/
webpage_for_ICC_Cricket_World_Cup_2007-2.pdf](http://www.allindiaraadio.gov.in/cricket/webpage_for_ICC_Cricket_World_Cup_2007-2.pdf)

So it is a good time to monitor AIR stations on MW & 60 Meters at night when normally when they are off air. The following are the stations heard last night on 60 mb: 4800 4910 4920 5040. 73 (Jose Jacob, VU2JOS National Institute of Amateur Radio Raj Bhavan Road, Hyderabad 500082, India, March 13, dx_india via DXLD)

** INDIA. All India Radio Central Studio emits 15-minute news in English on a large number of frequencies from 1545 to 16 hours. In Sofia have been heard the broadcasts on 4760, 4775, 4850, 4895, 5015, 5040, and 9470 kHz, as well as from 0035 hours on 4775, 4920, 4940, 4965, and 5010 kHz. All India Radio General Overseas Service is received in Sofia from 1745 to 1945 hours on 7410, 9445, 9950 and 11620 kHz (Rumen Pankov, R. Bulgaria DX March 16, via John Norfolk, dxldyg via DXLD)

** INDIA. AIR (Bangalore) 15175 at 1530z. 500 kW to E Africa in Gujarati (couldn't prove it by me). Gujarati is not a local language in EAf so there must be an expatriate community as the target. I seldom hear trans-polar signals at this time of day (midmorning here GMT -5) with the 9000+ mile path from India about 55% darkness - 45 % daylight. // 11620 was not quite as strong as 19m with a slight delay in audio (Jerry Lenamon, Waco Texas, Drake R8B with sloper, March 17, dxldyg via DX LISTENING DIGEST)

There IS a Gujarati-speaking community in Kenya, descendants of Indians who came to build the Uganda Railway 100 years ago. These people are Kenyans, not an expatriate community. Perhaps the best known living Kenyan of Gujarati descent is CNN correspondent Zain Verjee (Chris Greenway, Kenya/UK, ibid.)

** INDONESIA. 11785, VOI, 1547-1619, March 13, non-stop loop of music and VOI IDs, 1601 into Arabic programming, reciting from the Quiran, some pop music. As good as formerly heard on 9526. Good-fair (Ron Howard, Monterey, CA, EtUn E5, dxldyg via DX LISTENING DIGEST)

Woke up at 0930, Wed. 14 and found for the first time RRI on 11785, with fair to poor signal, causing occasional splatter to RN AmazUnia on 11780. No // 9525 was noted, which has been off the air for several days. Talk and local music resembles a folk/pop style (Ra'l Saavedra, Costa Rica, dxldyg via DX LISTENING DIGEST)

** INDONESIA [and non]. The primary threesome of 60mb RRI stations were coming in well March 16 at 1322, no doubt better earlier than almost an hour after sunrise now, each with a different variety of ``island`` music: 4605 Serui, stronger than another local mixing product // KCRC 1390 on 4600; 4750 stronger than 4605; and 4790 somewhere in between marred by CODAR. No trace of MICRONESIA 4755 (Glenn Hauser, OK, DX LISTENING DIGEST)

** INTERNATIONAL VACUUM. While I'm most appreciative when any international broadcaster makes its radio audio available via satellite, I've noticed that in this digital age, there can be wide variation in program audio levels. Knowing how digital audio recording software works, I can understand how this occurs, but it's frustrating to hear audio levels vary widely during a program. I've noticed this most recently on Radio Netherlands' English service, with newscasts sometimes louder than the rest of the programming and some features at very low audio levels. I'm hesitant to point this out, because some broadcasters "solve" the problem by compressing the audio so that levels match. Unfortunately, this compression can be very fatiguing to listen to. RNW's audio feed on Galaxy 25 (was IA-6) is refreshingly free of such compression. So, my comment to them (and other international broadcasters) would be "watch your levels" but please don't add compression to accomplish this. And thanks to RNW for making their Dutch, English and Spanish services readily available 24 hours a day on an easily accessible U.S. satellite. They show themselves to be very savvy in doing so and I listen to them much more because of the availability of these feeds (Mike Cooper, GA, Mar 13, DX LISTENING DIGEST)

** IRAQ. AMATEUR RADIO ACTIVITY SHUT DOWN IN IRAQ (March 13, 2007) ---

Iraq Amateur Radio Society (IARS) President Diya Sayah, YI1DZ, has informed ARRL that all Amateur Radio activity in Iraq has been suspended until the security situation there improves. He says the suspension affects both Iraqi citizens as well as any foreigners --- including military personnel and contractors --- who have been on the air from Iraq. The request to halt all ham radio activity and the

issuance of licenses in Iraq originated with a letter from the Iraqi Ministry of Defense to Iraqi Prime Minister Nouri al-Maliki as part of a new security plan, Sayah said. He received subsequent confirmation via the Ministry of Higher Education and Scientific Research to shut down ham radio activity, although he allows for a possible misunderstanding on the part of government officials as to the nature and purpose of Amateur Radio. Link to this item
<http://www.arrl.org/?artid=7293> (via John Norfolk, dxldyg via DXLD)

So now the bad guys will no longer use radio to communicate with each other (gh, DXLD)

** JAPAN [and non]. "Shiokaze" from KDDI Yamata site

Nikkei Shimbun (Japan Economic News) reports on March 14:

In A07 "Shiokaze" broadcast, by "Investigation Commission on Missing Japanese Probably Related to North Korea", will be on air from KDDI Yamata transmitter site in Koga City, Ibaragi prefecture. The broadcast has been on air from the sites of VT Communication. Using domestic Yamata transmission site, with more power than that of VT Communications, the commission expects more effects on spiritual support of those who have been abducted to North Korea.

NHK cancelled the exclusive right of using KDDI Yamata transmitting site for shortwave broadcasting on March 14. This enables "Shiokaze" broadcast to be on air from Yamata site. Ministry of Internal Affairs and Communications will soon give them the shortwave broadcasting license. The broadcasting over Yamata transmission site will be at 2030-2100 UT.

BTW: Yamata transmitter site was constructed in 1940. Since then the site has been exclusively used for NHK's foreign shortwave broadcasting. Yamata site was once located in Sanwacho, Ibaragi prefecture. As Sanwacho was consolidated by Koga City on September 2005, the site is now in Koga City. The frequency will be announced on March 22, will be one of 6045, 6080, 6185 as previously reported (Takahito Akabayashi, Tokyo, Japan, March 14, DX LISTENING DIGEST)

NHK TO ALLOW USE OF FACILITY TO RADIO SERVICE OVER N. KOREA ABDUCTION
+ 03/13/2007 09:11:27 AM EDT Japan Economic Newswire

TOKYO, March 13 (Kyodo) --- Japan Broadcasting Corp. will allow a private group to use a transmitting station for a shortwave radio service called "Shiokaze," which sends family messages to possibly surviving Japanese abductees in North Korea, the public broadcaster known as NHK said Tuesday. As the Internal Affairs and Communications Ministry reportedly plans to grant a radio station license to the

group, called the Investigation Commission on Missing Japanese Probably Related to North Korea, the move would allow the entity to broadcast the messages with a larger output than currently. It is rare for a facility used by NHK to be lent to a private group. The group, NHK and KDDI Corp., which owns the transmitting station in Koga, Ibaraki Prefecture, exchanged a memorandum last Friday on the lease of part of the facility from March 26 to Oct. 28, according to NHK. NHK is using the facility for overseas shortwave radio services. The time of the lease is likely to be set from 5:30 a.m. to 6 a.m. everyday. The facility has 19 antennas over which NHK has exclusive rights of use. NHK has studied the feasibility of allowing use of part of the facility since Internal Affairs and Communications Minister Yoshihide Suga expressed willingness last year to allow Shiokaze to use some NHK facilities as a way to support the group. Copyright (c) 2007 Kyodo News International, Inc. (via Mike Cooper, DXLD)

** JAPAN [non]. NHK Warido, 17605 via Bonaire, still with Western classical music show on Sat, March 17 at 2318 and still at 2346 (Glenn Hauser, MLPDX, OK, DX LISTENING DIGEST)

** KOREA NORTH [non]. 9950, Shiokaze/Sea Breeze, via Taiwan, 1351-1358*, March 12, in Japanese or Korean, suddenly off, fair. March 13 (Tue.), *1300-1308, piano IS, long list of abductee names and dates read in English, over piano music, poor (Ron Howard, Monterey, CA, EtÙn E5, dxldyg via DX LISTENING DIGEST) See also JAPAN above; and UNIDENTIFIED 6100

** KOREA SOUTH. 1566 kHz, FEBC via station HLAZ, Jeju, 1914-1932, 07 Mar, Korean, preacher; 34332, QRM de UK; rated 43422 on 08 Mar at 1750 during program in Russian, and has been logged regularly since (Carlos GonÁlves, Portugal, DX LISTENING DIGEST)

** KURDISTAN. CLANDESTINE, 3988 kHz, R. V. of Komala (tentative), northern Iraq (?), 1710-1717, 11 Mar, Kurdish (tentative), talks; 32441, jammed; QSY 3928.7 at 1712 (Carlos GonÁlves, Portugal, DX LISTENING DIGEST)

** LIBYA [non]. 13 Marzo: En el dÌa de hoy he podido captar a Sawt al-Amal a las 1245 por la frecuencia de 17652.5; estaba emitiendo m'sica folklÙrica. TambiÌn se ha escuchado su sintonÌa y la cuÌa de identificaciÙn, con un SINPO 55454; sin embargo a las 1255 ha cambiado a 17647.5, con un SINPO 45554. En 17630 estaba emitiendo ;frica NÌ 1 y por 17660 la emisora musical afro-pop; a las 1306 se ha cortado la emisiÙn y a las 1309 se ha reanudado. A las 1410 seguÌa presente con buena seÙal, SINPO 45554. TambiÌn ;frica NÌ 1 se escuchaba con buena seÙal, aunque se apreciaba de fondo a otra emisora (JosÈ Miguel Romero, Spain, dxldyg via DX LISTENING DIGEST)

** MADAGASCAR. At Kulpsville, KNLS had a representative and he gave me some information about their plans for a new shortwave station to be on the air in 2008 via Madagascar. The map he gave me indicates transmissions in English, Arabic and Chinese beamed to Africa and Asia. 73 (Mick Delmage, AB, Marcy 17, DX LISTENING DIGEST)

** MALAYSIA/SARAWAK. 7270, Wai FM (RTM), 1342-1408, March 17, YL DJ in vernacular, pop songs, ToH usual announcements, news, poor/QRM/PBS Nei Menggu (presumed). Slightly better than PBS. After PBS moved here in the middle of 2006, I never could heard Wai FM under PBS, so this was a nice surprise (Ron Howard, Monterey, CA, EtÙn E5, DX LISTENING DIGEST)

** MALI. 11960, R. Mali, Kati, 1235-..., 11 Mar, Vernacular, local songs, French program later; 44443, adjacent QRM; \\ 7284.4v poor (Carlos GonÁlves, Portugal, DX LISTENING DIGEST)

** MAURITANIA. 783 kHz, R. Mauritanie, Nouakchott, 1635-1651, 11 Mar, Arabic, match report, talks; 34433, QRM de Spain. 4845 kHz noted off during several days, e.g. 10 Mar at 1924 when 783 was rated 54444, but resurfaced since then.

4845, R. Mauritanie, Nouakchott, 1632-..., 11 Mar, Arabic, match report; 35443 and improving rapidly; \\ 783 at 34433 (Carlos GonÁlves, Portugal, DX LISTENING DIGEST)

** MOROCCO. RTM, 15335, March 15 at 1338, YL speaking very expressively in Arabic; QRM de clix leaking over from DentroCuban jammer on 15330 (Glenn Hauser, OK, DX LISTENING DIGEST)

** MOROCCO. 1638 kHz, RTM-"A", Rabat, 1016-..., 11 Mar, talks, traditional songs; 25341; harmonic of 819 still with bad audio.

7308, RTM-"C", SÈbaa-Aioun, 1057-..., 11 Mar, Berber, folk music, news 1100, Harmonic of 1044; 25442 (Carlos GonÁlves, Portugal, DX LISTENING DIGEST)

** NETHERLANDS [non]. On 3/17 heard Russian tones at 0956, then RN IS at 0959 and English ID, fair on 6040 via Petro/Kam site; a few seconds later comes carrier from Sackville and into DW-German at 1000, wiping out RNW signal (Joe Hanlon, NJ, DX LISTENING DIGEST)

** NETHERLANDS. Had a look at RN's A-07 transmission schedule, via Andy Sennitt, and I see that just as I suspected, the weekend afternoon and daily evening broadcasts in English to North America are NOT making a UT timeshift in A-07. English will remain at 00-02 via Bonaire on 9845 ex-6165 which goes to Spanish via Sines. The WNAm broadcast does make its usual shift from 05 to 04, on 6165 Bonaire

(why this and not the others?). Sat and Sun on several Bonaire and Sackville frequencies remains at 19-21, not 18-20 as had been published on RN's website previously discussed (Glenn Hauser, DX LISTENING DIGEST)

The RN DST-shifted schedule for NAm, reproduced in 7-034, which came from http://www.radionetherlands.nl/listeningguide/how_to_listen_namerica_summer and turned out to be wrong, has now been replaced at exactly the same URL by
Interim summer schedule: 11 March - 25 March 2007 (exclusive)

which strangely enough is still back-dated ``23-10-2006`` tho it must have been modified in the last few days.

Now it shows the morning broadcast at 1200 UT on 11675, instead of summer timing of 1100 --- I assumed but did not confirm, that they had really changed that one, since they always do, and we are, after all, on DST here, like it or not, already!

The evening broadcasts once again show correctly as 00-02 and 05-06, and the weekend afternoons as 19-21 UT, where they are going to stay, except 05 will shift to 04 (Glenn Hauser, OK, DX LISTENING DIGEST)

This inspires me to ask: What sort of audience does RN have for this 2-hour weekend middle-of-the-day transmission? I listen to RN just about every day in the morning (if I'm awake) and at night, but I NEVER listen to this mid-day broadcast on weekends. There are far too many other things to do or to pay attention to at that time, or I'm often away from home then. Personally, I think they'd get far more bang for the transmission buck if they put these two hours on directly after the morning one-hour transmission, aiming at the rest of the NA time zones' waking-up audience over the weekend. Just continuing the 11675 kHz transmission two hours more from Bonaire, 1200-1400 UT, should work, propagation-wise, wouldn't it? What do other NA RN listeners on this list think of that alteration? 73, (Will Martin, MO, dxldyg via DX LISTENING DIGEST)

I occasionally listen to the weekend afternoon broadcasts, more likely when I *am* driving around, with the SW caradio, which could not be the case with you. Yes, it would be nice to be able to listen to RN at breakfast time. 11-12 is certainly too early here, but extending it to 14 UT would still be too early in the PT zone, ending at 7 am (Glenn, UT -6:32, currently pretending to be UT -5, ibid.)

Gentlemen, I am sorry for the confusion, which happened while I was suffering from flu. The schedule posted on our website is fictitious, and apparently resulted from an overworked colleague misunderstanding

a rather long E-mail from WRN, which indeed changed to its summer schedule on 11 March. Because he did the work at the weekend, he couldn't (or at least didn't) check with anyone. The first I knew of it was when it was posted on this list.

The comments by Will Martin are interesting. The idea of these extra weekend broadcasts was mine, as we had a few hours left over which were not enough to do a daily broadcast, and I suggested as an experiment we could try some extra weekend broadcasts. They have to be parallel with something that already exists, in this case the evening transmission to Africa. You cannot just go adding transmissions at new times willy nilly because there is no budget for extra continuity shifts. But maybe we will look at the schedule again when the new Head of English has settled in later this year.

Meanwhile I have just received the new summer schedule from my colleagues in Programme Distribution, and will email a copy to Glenn. Once again, my apologies for the confusion (Andy Sennitt, Radio Netherlands, *ibid.*) See also INTERNATIONAL VACUUM

** NEW ZEALAND. 15720, RNZI, 0000-0014, March 13, 5+1 pips, news & weather (iThe next news and weather is at 2i), IDis for RNZ National, talking about foreign call centers, such as in India, good reception (Ron Howard, Monterey, CA, EtUn E5, dxldyg via DX LISTENING DIGEST)

** NIGERIA. 11770, V. of Nigeria, Mar 07 *1559-1620, 25332-35433, English and Swahili, 1559 sign on with Drum's IS, News, Drum's IS at 1605 and 1612, ID at 1612 (Kouji Hashimoto, Japan, Japan Premium via DXLD)

** NORTH AMERICA. Pirate on 6925, March 18 at 0018 Young America, 0023 Let the Good Times Roll; only music heard as I tuned around, still going past 0100 with no illegal ID, but closing at 0110 by YL as WTPR (I think, tho nothing about tire pressure heard), and Belfast address. Good signal on USB (Glenn Hauser, MLPDX, OK, DX LISTENING DIGEST)

** PAPUA NEW GUINEA. Radio Madang verified my reception report with \$1 after 32 days by PFC and letter. QSL signer was Mr. Michael Samuga, Assistant Manager. According to Mr. Samuga, 10 kW shortwave transmitter site is located 10 km from the studio in the center of the town. They recently upgraded the communication cable between the studio and the transmitter from steel to fiber-optics, which improved the whole quality of the transmission.

Address: P. O. Box 2138, Madang-511, Madang Province, Papua & New Guinea, Telephone +675 852 2415 Fax +675 852 2360, Frequencies SW1 3260 kHz, FM 90.4 MHz, AM 864 kHz (Takahito Akabayashi, Tokyo, Japan, March 16, DX LISTENING DIGEST)

** PARAGUAY. NUEVA EMISORA DEL PARAGUAY EN LA ONDA CORTA

Mi querido amigo Adan Mur, quien reside en -emby, Paraguay y que gentilmente fue nuestro anfitrión en ocasión de nuestra visita por tierras guaraníes, emprendida hace dos años junto con el amigazo Ruben Margenet, me cuenta que:

Radio Licemil, del Liceo Militar "Acosta -u", transmitió el 14 de Marzo entre las 1820 y 1900 y las 1920 y 2050 horas, UT, en la frecuencia de los 12000 kHz. La programación consistió de entrevistas con los cadetes y otras personas, y saludos a los amigos y familiares, en el interior.

La mayoría de los saludos salieron en el castellano, pero algunos eran en portugués, en guaraní y hasta en el inglés. Los cadetes estudian el castellano, guaraní e inglés. Algunos también hablan el portugués, por el hecho de haber vivido cerca del Brasil.

Un profesor, entrevistado, habló de la importancia de una emisora de esta clase en la enseñanza castrense. Algunos de los cadetes hablaron de la importancia de la precisión en los ensayos de la marcha, y de la seriedad y disciplina militar.

Proporcionaron los siguientes contactos:

Correo Electrónico: licemil @ lycos.com
Teléfono: 595 275 32311 Fax: 595 275 32316

La emisora opera durante las clases de Artes y Tecnologías (Comunicación Social), y en fechas especiales. Dijeron que es posible que se extendiera el horario. Hay que estar muy atentos!!!! 73

La señal entró en una forma bastante clara y fuerte. Sabemos que la potencia de transmisión es de 25 Watts.

My dear friend Adan Mur, from -emby, Paraguay, told me about a new signal in the shortwave from Paraguay. Is "Radio Licemil", an experimental station from Liceo Militar "Acosta -u" (Army School). The station transmitted on March 15 [sic], between 1820-1900 & 1920-2050 UT on 12000 kHz with 25 watts. Program with interview, etc. Student's greetings in Spanish, Guarani, English and Portuguese. Contacts to: Email: licemil @ lycos.com Phone: 595 275 32311; Fax: 595 275 32316. The station transmits only a few days in the month. In special dates (Arnaldo Slaen, Argentina, March 17, dxldyg via DX LISTENING DIGEST) Watch out for HCJB, RHC; another VLP station Mur is involved in (gh)

** PERU. 5939.3, R. Melodía, Arequipa, 0800-0820+ March 11, Spanish announcements, IDs, lively LA music, some OA music. Poor with adjacent

channel splatter (Brian Alexander, Mechanicsburg PA, DX LISTENING DIGEST) From WWCR/DGS 5935?

** PORTUGAL. Re 7-034, new web address: Glenn, <http://www.rdp.pt> was finally replaced by <http://www.rtp.pt> and then one must choose between "r·dio" (RDP) <http://tv.rtp.pt/EPG/radio/> and "televis,·o" (RTP) <http://tv.rtp.pt/EPG/tv/>

Strange abbreviations? They are - in my opinion, they should have chosen a better name and consequently other letters to avoid confusion.

RTP stands for R·dio e Televis,·o de Portugal which comprises the radio service, i.e. the company called RDP, and the TV service, i.e. the company called RTP [R·dio Televis,·o Portuguesa].

Both are state owned, but the the RDP doesn't carry any commercial ads whereas the RTP does since it started regular broadcasts back in 1957.

"EN" [Emissora Nacional] was renamed "RDP" after the 1974 coup d'Ètat. 73, (Carlos GonÁlves, Portugal, March 13, DX LISTENING DIGEST)

** RUSSIA. VOR, 9840, closing NAm service March 17 at 0558 with G signal, tho fading. Said they were about to open to Australia, and to Europe, listing a bunch of MW lengths, NOT frequencies. Apparently they believe their European audience are still using old radios calibrated only in metres. I have never seen or heard of a digital readout radio that displayed metres (other than SW m bands); are there any? (Glenn Hauser, OK, DX LISTENING DIGEST)

Hi Glenn, Come to think of it I've never seen or heard of a digital readout marked in meters; good question (Rich Brock, HCDX via DXLD)

** SAUDI ARABIA. After an absence of many years, Radio Riyadh is back on short wave in English and was received in Sofia from 16 to 17 hours UT on 17660 kHz. The station relays the local medium wave program on 1098 kHz. The QSL address is: BSKSA English Service, P. O. Box 61718, Riyadh 11575, Kingdom of Saudi Arabia (Rumen Pankov, R. Bulgaria DX March 16 via John Norfolk, dxldyg via DXLD)

17660.02, R. Riyadh, 1700-1735+ March 10, English audible after WYFR 1700*. Program about meeting of poets. 1715 ``Children's Magazine'' program, children's music. 1732 English news. Poor, weak, lost in local noise at approx. 1735. Barely audible when checked next day March 11 at 1720 (Brian Alexander, Mechanicsburg PA, DX LISTENING DIGEST)

17660.02, Radio Riyadh, Saudi Arabia, 17-Mar-07. Trying for the

reported English broadcast at 1600-1700, I found Riyadh in the clear at 1545 with French broadcast underway. At *1600 WYFR via Ascension suddenly on and totally spoiling Riyadh. Unable to determine if Riyadh did indeed switch to English at 1600 (Brandon Jordan, Memphis, TN. WinRadio G313e, 60' KAZ, dxldyg via DX LISTENING DIGEST)

Surely they do; several reports of that here already. Ascension not such a problem in Europe (gh, DXLD)

Brandon, not so different from your situation. WYFR (Portuguese) just around the bend for each one of us, goes as far as Ascension to be relayed, but that prevent me to listen BSKSA in English. 73 (Ra'l Saavedra, Costa Rica, ibid.)

Hi Raul, per Brian Alexander's logs just posted by Glenn, it appears that Radio Riyadh English transmission can extend beyond the 1600-1700 UT window as reported by Radio Bulgaria DX tips. I will have to give them another try tomorrow after WYFR sign-off. 73, (Brandon Jordan, ibid.)

Ciao! 1500-1600 UT, Ottimo segnale dalla BSKSA su 17660 kHz in FRANCESE !!!!!! con interferenze dalla trasmissione musicale AFRO POP (provabile da MOYABI, GABON) che di solito smette alle ore 1530. (Buona ricezione anche con il portatile DEGEN 1103). Dalle 1600 segue il programma in Inglese (Dario Monferini, Milano, JRC 525 & DEGEN 1103, DX LISTENING DIGEST)

RADIO RIYADH, 17-03-2007, 1515-1600 UT, 17660, 1515-1530 good mixed with unid afropop. 1530-1550 very good signal. 1550-1600 Poor signal with extreme fading and QRM from Family radio in Portuguese. In French, commentary, ID. News "Le club littéraire" audioclip available on <http://swli05639fr.blogspot.com/2007/03/radio-riyadh.html#links> 73's (Francesco Cecconi, Italy, HCDX via DXLD)

** SERBIA. Re site in use for SW: See also some statements from Radio Serbia director Milena Jokic, quoted in the item from March 8 at <http://www.radioyu.org/Fokus/GermanFokus.htm> (probably a similar one appears somewhere in their English section, too):

For the first time in years we were able to get a decent budget, at present we're broadcasting from Stubline and thanks to investments it could soon be possible for our shortwave centre at Bijeljina to resume its work. We will work with full force, we again have the old airtimes, and in the meantime we hope that the law on Radio Serbia will be enacted soon (via Kai Ludwig, dxldyg via DX LISTENING DIGEST) See UNIDENTIFIED 6100

** SIERRA LEONE. Re 7-023, plans for SW broadcasts this summer. It

will be recalled that 5+ years ago there was this, as mentioned in DXLD 2-091:

``Of interest only as a possible confusion to those seeking R. UNAMSIL, even further off frequency at 6137.84v (gh, DXLD)``

It could also be that the new broadcasts will be part of West Africa Democracy Radio, based in Senegal (Glenn Hauser, DX LISTENING DIGEST)

** SOMALIA. 15 Mar 2007 at 1813 UT on 6950 (AM) noted a station with HOA type music and talks in a language that sounds Somali. Was thinking this is a mixing product of two co-sited transmitters in the 41mb range, but couldn't find any parallels. At 1852 there was Quran and around 1859 an announcement by female voice, some music and transmitter went off. During the program I heard couple of mentions (not necessarily ID's) like "Radio Fas/Pas/Daas" or similar. Anyway, this sounds like Somalia. Any ideas? (Jari Savolainen, Kuusankoski Finland, dxldyg via DX LISTENING DIGEST)

Re my report of unid 6950 Somali station. I knew there is a TFG station in Baidoa, called Radio Bay - Codka Jamhuuriyada Soomaaliya which was reported to be on some unknown shortwave frequency. The promo I heard on 15 March did sound like "Radio Bas". Then I got an e-mail from a well known Finnish Afro-DX guru Mr. I. Parviainen, who told me he has been hearing Radio Bay on 6950. Again I had a listen to my tape and indeed, instead of "Bas" the ID is "Bai", so it must be Radio Bay. The transmitter is a bit unstable and hopping to a split frequency for a few seconds at times (Jari Savolainen, Kuusankoski, Finland, March 16, ibid.)

Dear Friends, I also heard the station on 6950 yesterday evening. The programming was similar to that Jari reported. The song at 1859 sounded like a National Anthem or similar. Do you know of any e-mail address or address. I know what the infrastructure looks like in the country, so I understand that letter delivering might be too difficult! 73 from (Björn Fransson, DX-ing on the island of Gotland, Sweden, ibid.)

** SOUTH AFRICA. Channel Africa, March 13 at 0517 on 7240 with ID giving frequency as 9620! --- which does not take over until 0700 per WRTH, then news of Zimbabwe, mistreatment of the opposition by Mugabe (Glenn Hauser, OK, DX LISTENING DIGEST)

** SPAIN. Re: Nuevo esquema de horarios y frecuencias para la temporada de verano de REE. Si lo prefiere en formato PDF en este enlace: <http://telefonica.net/web2/radioescuchadx/reea07.pdf>

AMPLIACIÓN AL ESQUEMA DE PROGRAMACIÓN ANTERIOR.

Emisiones en catalán, vasco y gallego de REE A07:

Para Europa: De lunes a viernes, en catalán, gallego y vasco, de 1240 a 1255 horas UT, por 15585 kHz.

Para América del Sur, de lunes a viernes, de 1240 a 1255 horas UT por 21570 kHz.

Desde el Centro emisor de Cariari, en Costa Rica, de lunes a viernes, de 1240 a 1255, por 9765 kHz.

Para América del Norte, de lunes a viernes, de 1240 a 1255 horas por 17595 kHz y a través del emisor de Cariari, por 15170 kHz

Radio Exterior de España realiza una emisión especial para Líbano, donde se encuentran un contingente de soldados españoles en la misión de la ONU FINUL (Fuerza Interina de las Naciones Unidas en Líbano).

Desde el Centro emisor de Cariari, en Costa Rica, emitimos hacia este país de Oriente Próximo, en español, de Lunes a Viernes, de 1800 a 2200 UT, por 15345 kHz, frecuencia por la que emitimos los sábados, de 1700 a 2200 UT y los domingos de 1400 a 2200 horas UT.

Por otra parte, se mantiene la emisión llamada "en alemán", con un programa en español para no perder la frecuencia. Antes había personal alemán contratados para dicha emisión, pero diversos reajustes presupuestarios hicieron que se acabaran estos contratos. Se sigue manteniendo el calificativo "alemán" para distinguirla de las demás.

(9.665 31 m 50° 1730-1800 Alemán Lunes y Jueves)

Estoy a la espera de recibir los esquemas de emisión de los distintos transmisores de REE. Un saludo 73, (José Bueno, Córdoba - España, DX LISTENING DIGEST)

Re Spain's A-07 schedule showing 15345 to the Lebanon, until 2200 UT, which is 92 degrees from Noblejas, not Costa Rica! Replacing the current transmission until 2300 on 12045:

El problema es que Argentina no participa en HFCC, así es que aunque en la frecuencia de 15345 durante muchas sesquicadas, no lo saben los gerentes de frecuencias en HFCC, que no se molestan a encender sus radios ni consultar fuentes no-oficiales del diexismo, ni Pasaporte, por ejemplo.

The problem is that Argentina does not participate in HFCC, so that altho it has been on 15345 for many sesquidecades, the HFCC frequency managers, who do not bother to turn on their radios, nor consult unofficial DX sources, nor Passport, for example, do not know this.

Aún peor, ni Marruecos participa en HFCC (excepto la multitud de

emisiones por parte de IBB, Estados Unidos). En realidad, Marruecos ya est· en choque con Argentina durante la tarde europea, y acabo de anotar en 15345 sus emisiones en ·rabe a las 1903 del 14 de marzo, con hererodino argentino, siempre fuera de frecuencia, pero no bastante para evitar este choque por tres partidos en vez de dos en la temporada A-07.

Even worse, Morocco does not participate in HFCC either (except for the multitude of broadcasts on behalf of IBB, USA). In reality, Morocco is already colliding with Argentina during the European evening, and I have just noted 15345 in Arabic at 1903 on March 14, along with the Argentine heterodyne, which is always off-frequency, but not far enough to avoid this three-way, instead of two-way collision in the A-07 season.

°QuÈ maravilla tenemos en el mundo de manejar frecuencias sin enterarse de la realidad!

What a marvel we have in the world of frequency management without knowing what is really happening!

It's really incredible that HFCC is so incestuous and/or mired in bureaucracy that they do not put out any effort to develop at least a supplementary schedule of occupied frequencies, from entities not officially participating! It would clearly be in their own self-interest to do so (Glenn Hauser, DX LISTENING DIGEST)

** SPAIN. REE, 17595, Fri March 16 at 1330 in Castilian, introducing ``informativos en Catal·n, Gallego y Vasco'', and immediately into Catalan news; no mention of ``lenguas co-oficiales'' --- I wonder whether this term is no longer politically correct? At 1335 into Galician with its sea-shanty musical intro. So I conclude the triad are finished by 1345, then back into the fourth co-official language. In A-07 these shift about an hour earlier, but it's not clear if they will be exactly at 1230-1245 M-F. (A sked via JosÈ Bueno says they will be at 1240-1255.)

Really, these three languages deserve a lot more on REE than 5 minutes a day each, which can only be considered token. I enjoy listening to Catalan and Galician, to see how much I can understand from my knowledge of Spanish and Portuguese; and Basque for the occasional Spanish words (Glenn Hauser, OK, DX LISTENING DIGEST)

** SPAIN. 4896, unID COPE network station (7 thereof listed), 1628-..., 11 Mar, football match report & info; harmonic of 1224 kHz; 35433 (Carlos GonÁlves, Portugal, DX LISTENING DIGEST)

** SYRIA. Re 7-034: Sobre la p·gina web de Radio Damasco, el seÙor

Riad (Director del servicio en espaÑol de Radio Damasco) confirma que es la oficial, seg'n mensaje recibido por HÈctor Pino de Chile y miembro de FEDERACHI. El seÑor Riad comenta en mensaje personal lo siguiente:

En cuanto al sitio web, lo estamos construyendo a'n; esperamos perfeccionarlo m.s en el futuro (via JosÈ Miguel Romero, Spain, dxldyg via DXLD)

** TAIWAN [and non]. On 11635 something in Chinese, and a het of less than 1 kHz, March 17 at 2343. Per PWBR '2007' this would be the RTI Taiwan Network to SE Asia, which is jammed (Glenn Hauser, MLPDX, OK, DX LISTENING DIGEST)

** TURKEY. VOT is supposed to be off 17700 at 1325 in German, but someone at Emirler forgot to make frequency change to 12035 at 1330 and thus 17700 continued with English well past 1400, S10 444; both 12035 and 11735 were silent when this error occurred 3/17 (Joe Hanlon, NJ, DX LISTENING DIGEST)

I was wondering why I could hear absolutely no trace of VOT English around 1345 on 12035 or 11735. Really incredible these gross errors at Emirler. Are we the only ones who notice and care?

VOT, 5960, March 17 at 2354 closing English to NAm, poor with ACI from Habana 5965 in music. In one week this broadcast will move to 2200-2255 on 6195 (Glenn Hauser, MLPDX, OK, DX LISTENING DIGEST) Viz.:

** TURKEY. VOT A-07 English:
1230-1325 Eu 15450, Au/As 13685 [but try for it in NAm]
1830-1925 Eu 9785
2030-2125 Au/As 7170
2200-2300 Eu/NAm 6195
0300-0400 Eu/NAm 5975, As/Af 7270 (via Joe Hanlon, DXLD)

** UGANDA. Re DXLD 7-034: The logging of Kampala on 7195 at 0418 is indeed very strange, as Glenn says! What Jim Ronda was hearing was the BBC Swahili service, scheduled on 7195 at 0400-0430 from Ascension. Jim says he heard "many mentions of Kampala" - very understandable in a broadcast targeting East Africa. A lesson in the dangers of "list logging" (Chris Greenway, UK, formerly of Nairobi, March 13, dxldyg via DX LISTENING DIGEST)

Especially if the list is PWBR ``2007'', which missed this BBC transmission. Looking at the 'blue' pages there, one would conclude it was Uganda, altho as an alternative to 4976 as I mentioned before.

When list logging, and I do this myself, one should consult several

lists, and cite them; EiBi B-06 does have the BBC transmission, and so does HFCC. WRTH 2007 also has it on the BBCWS schedule, but you would have to know you needed to look for it, as it is not searchable and there are no by-frequency schedules as in the other references (Glenn Hauser, OK, DX LISTENING DIGEST)

Glenn: My apologies -- I immediately recognized that I had made an error and reported that error to Mark Taylor at Flashsheet. I did the responsible thing and recognized my mistake (Jim Ronda, OK, DX LISTENING DIGEST)

Good, report did not appear there, but Wolfgang must not have seen the correxion in DXplorer where the item came from (gh, DXLD)

** UKRAINE. Radio Ukraine International
Summer A07 Broadcasting Schedule (25 March 2007 - 28 October 2007)

Time UTC; Frequency; Txer Site; Azimuth; Target Area
0000-0500; 7530(5830); Kharkiv; 055; Russia
0500-0800; 9945(7420); Kharkiv; 277; Western Europe
0800-1300; 15675(9950); Kharkiv; 277; Western Europe
1300-1700; 7530(5830); Kharkiv; 055; Russia
1700-2100; 7490(5830); Kharkiv; 290; Western Europe
2100-2400; 7510(5830); Kharkiv; 290; Western Europe
2300-0400; 7440(5820); Lviv; 307; Northeastern America

Power of transmitters: in Kharkiv - 100 kW; in Lviv - 500 kW.

At the end of September, the frequencies in brackets can replace the main frequencies.

Transmission schedules (via transmitter site) in various languages are as follows:

ENGLISH (one hour long): at 0000 & 0300 (Lviv), at 1100 & 2100 (Kharkiv).

GERMAN (one hour long): at 1700, 2000 & 2300 (Kharkiv).

UKRAINIAN programmes are transmitted at all times except for the times reserved for English and German programmes, as shown above.

Romanian (half an hour long): at 1700, 1930 & 2100 on 657 kHz (via Chernivtsi).

On WEB-site <http://www.nrcu.gov.ua> transmissions in Real Audio format:

ENGLISH: at 0000, 0300, 1100, 2100.

GERMANY: at 1700, 2000, 2300.

UKRAINIAN: all other time of the day.

The Ukrainian and English transmissions are also available on satellite "Sirius 2" (5 degrees East, 11766 MHz).

This schedule is subject to changes (Alexander Yegorov)
(via Alokesha Gupta, New Delhi, dxldyg via DX LISTENING DIGEST)

> 2300-0400; 7440(5820); Lviv; 307; Northeastern America

Note that Kopani will be replaced now, as it had been planned already in late 2005. I have in my files that at Kopani only a rhombic antenna instead of curtains with higher gain is available for this azimuth anymore, also preventing them from raising the power above 700...800 kW. (Actually this sounds a bit strange to me: A rhombic for more than 500 kW? But on the other hand there are the conical monopoles at Jlich, used for 100 kW although the textbooks say that such antennas are only good for lower powers.)

Hereby the Krasne site will be used on shortwave for the first time since 2002, unless there were some unnoticed Voice of Russia relays since then, in addition to co-located 936. Reportedly the shortwave transmitters were during the recent years at regular intervals (acc. the specifications from the manufacturer I think) fired up on dummyloads to keep them alive. Probably this concerns only a single 1000 kW transmitter from 1972 (old Soviet designator RV-177), because some reports indicate that a second transmitter, listed as installed in 1993, had never been completed and remained an investment ruin as German saying goes. Or became RV-1604 as it was supposed to be called indeed a serviceable transmitter? Did the reports about the never completed transmitter perhaps refer to a third 1000 kW unit instead? (Kai Ludwig, Germany, March 17, dxldyg via DX LISTENING DIGEST)

The second megawatt txer at Krasne was installed in 1991 (?) and is the "main" SW transmitter at the site. It is the third that was never completed. Apparently they scrapped the four 120 kW to make room for the new megawatters. It also appears that they indeed can run the megawatt transmitters into rhombics, but maybe at reduced power and of course at much reduced gain. I guess they failed to maintain the old curtain antennas at Luch, while Krasne is equipped with modern curtains. 73 (Olle Alm, Sweden, DX LISTENING DIGEST)

Thank you for the clarification, also concerning the old, removed transmitters: Not 3 x 200 kW but instead 4 x 120 kW of the famous design.

I have the original reports from 2005 about the planned move to Krasne not at hand, but it seems that I noted down the gist correctly: Only a rhombic in use at Luch for RUI to NAm anymore, stepping up the power to 1000 kW again to overcome the reception problems (they are of course no surprise when a dozen of decibels get lost this way) is not possible because these rhombics can handle only max. 700...800 kW.

Re. the Luch curtains aiming at NAm: When they were apparently still in use they put really huge signals into Germany, but running two transmitters resulted in extremely strong mixing products, frequently believed to be fundamentals when falling into the 60 mB (as mix of 7 and 6 MHz frequencies). I think this indicated the worsening shape of these antennas. All the best, (Kai Ludwig, Germany, *ibid.*)

** U K. MORE BBC FREQUENCY CHOPS

Hi Glenn -- Just noticed the following on the BBC frequency link page:

"BBC World Service is adjusting its shortwave transmissions in some parts of the world from 25 March 2007, in line with listener trends in radio. Increasing numbers of people around the world are choosing to listen to radio on a range of other platforms including FM, satellite and on line, with fewer listening on shortwave.

As a result, broadcasts in English to Eastern and Central Europe on shortwave will stop. English shortwave broadcasts to Southern Europe will be reduced to 12 hours a day and Arabic language shortwave broadcasts to the Middle East will be reduced to 14 hours.

In both cases the shortwave listening times of early morning and evening have been retained. This will be a loss to some listeners but there are a number of alternative ways of hearing BBC programmes.

For more information on how these changes affect Europe and the Middle East, and information on alternative ways of listening, follow the relevant links below"

All this on:

<http://www.bbc.co.uk/worldservice/schedules/frequencies/index.shtml>

Nothing mentioned about the Caribbean beams, and the full A-07 schedule hasn't been posted yet. I imagine we are going to see similar notices over the next several frequency seasons (Stephen Luce, Houston, TX, March 16, DX LISTENING DIGEST)

This announcement is not really stringent, to say the least, but actually this fits such corporate newspeak. In detail:

- > As a result, broadcasts in English to Eastern and Central Europe on shortwave will stop.

And at the bottom of this very page they place a link to reception details for "Central and Eastern Europe (including Russia)". And here they still announce a shortwave service, 0400-0600 on 12095 and 15565

as well as 1700-1900 on 9410 and 12095.

http://www.bbc.co.uk/worldservice/schedules/internet/800/swc_radio_frequencies_russia.shtml

Yes, the URL reads "Russia", but the page includes a link to
http://www.bbc.co.uk/worldservice/schedules/frequencies/swc_ce.html
which refers to "Central Europe (including Russia)" again.

What will apparently stop are the additional outlets shown at
http://www.bbc.co.uk/worldservice/schedules/internet/800/radio_frequencies_eastern_europe.shtml

Just as I said two years ago: Apparently they are keen to sell any cut in transmitter hours as a cessation of the shortwave service to certain regions.

> English shortwave broadcasts to Southern Europe
> will be reduced to 12 hours a day

And now compare

http://www.bbc.co.uk/worldservice/schedules/internet/800/radio_frequencies_western_europe.shtml

with

http://www.bbc.co.uk/worldservice/schedules/internet/800/swc_radio_frequencies_western_europe.shtml

You will see a reduction from 11 to 11.14 [sic] hours a day, from daily 0400-0700 and 1400-2200 to daily 0400-0900 and 1500-2100 plus 1400-1500 on Sat only.

Probably they stumbled over their own PR trick from two years ago. Back then they removed 15485 from the frequency schedules for Europe to maintain the official line that the shortwave broadcasts to Europe were reduced "to two blocks during peak times daily, in the early morning and evening". But 15485 stayed on air throughout the day, of course with the same broad and rather steep beam designed to cover more distant areas of Europe. Now 15485 will indeed go off between 0900 and 1500. I guess that somebody still associated this frequency with Europe (which would be technically-wise absolutely correct) and thus came up with this announcement.

Re services to the Caribbean area: Expect them 0300-0400 on 7325 (Skelton), 1100-1200 on 6095 (WHRI) and 11825 (MontsinÈry), 1100-1300 on 9480 (MontsinÈry) and 9660 (WHRI), 2100-2200 on 11675 (Greenville), 2100-2300 on 13640 (WHRI) as well as 2200-2300 on 5975 (MontsinÈry), whatever programming these frequencies will carry in detail (i.e. Spanish or English). (Kai Ludwig, March 17, dxldyg via DX LISTENING

DIGEST)

Based on current usage, 03-04 and 11-12 will be in Spanish, the others in English (gh, DXLD)

** U K. TV licences apply to individual households, of course. Therefore, my brother and I can both use any amount of TV equipment within our home at the same time - but not simultaneously use equipment elsewhere. With battery operated equipment, it is legal to operate this away from the licensed premises, but not at the same time as using equipment at the licensed premises. So be careful about setting your video recorders, digital or otherwise, (even to record radio signals!) if you're on holiday somewhere and watching a battery-powered (only, i. e not with a mains adapter) personal TV elsewhere at the same time. Strictly speaking, this would be illegal (Mark Savage, BDXC-UK via DXLD)

** U S A. The General Counsel's office has succeeded in registering the trademark of the words "Voice of America" (as distinct from the VOA logo) on behalf of the BBG. From now on, all references to this mark when used to promote the Voice of America should have the symbol ® (an "R" in a circle) following the words "Voice of America" in any medium to indicate to the world that the mark is registered. Examples of promotion type material includes brochures, business cards and stationary, CD-ROM packages, envelopes for mass mailings, exhibits, fax cover sheets, newsletters, signs, website headings, etc. Guidelines for Voice of America trademark usage will be posted on the Agency's Intranet site (VOA memo March 15 via Aaron Zawitsky, DXLD)

** U S A. VOA in French, March 14 at 1912 on 17580 with a big long-path echo. Big, because this is Greenville per EiBi (not in original HFCC B-06), so long path is some 38 megameters, since short path is only two, one of my best terrestrial DX catches, strictly speaking. It's aimed east toward Africa but also with the usual back-radiation, which however at the moment was not strong enough to override the signal coming the long way around (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A [non]. This morning (March 16, 2007) I've monitored a reception of VOA Serbian: 0630-0645 UT on 6035 kHz via Biblis, Germany, 100 kW/126 degrees. The SINPO is 55555.

06.29.10 Open carrier
06.30.00 VOA SERBIAN
06.44.30 Open carrier
06.45.02 [off]

And since between 0500 and 0700 UT Biblis is broadcasting as follows:

0500-0600 5995 105 VOA Kurdish
0500-0600 9690 105 VOA Kurdish
0600-0700 9535 065 RFE Russian
0600-0700 9680 063 RFE Tatar-Bashkir
0630-0645 6035 126 VOA Serbian

this proves Biblis never uses Signing on/off music (interval signal), just an open carrier for every broadcast. I wonder why? Best regards & many 73s! (Dragan Lekic from Subotica, Serbia, March 16, dxldyg via DX LISTENING DIGEST)

The "Yankee Doodle" items are played out locally at the old VOA transmitter sites. Biblis and I think also Lampertheim do not have such facilities, presumably because these are former RFE/RL sites, administrated separately until VOA and RFE/RL transmission had been merged under the auspices of today's International Broadcasting Bureau.

It appears to be common practice at these sites to uncut the modulation in the very last moment to avoid unrelated audio on air, like VOA in Persian introduced by the "This is Radio Free Europe. Radio Liberty. Praha. <duuuud>" loop, as I heard back in last summer via a leased transmitter (Wertachtal, to be specific). Such unrelated other audio usually precedes the feeds on Eutelsat Hotbird 8 (transponder 76 on 12.226 GHz v), which could be the primary audio source at Biblis now. Another possibility would be the transatlantic link on Intelsat 907, if Biblis has a huge C-band antenna like Lampertheim. This is a monster of about a dozen metres diameter, dwarfing the Ku-band antennas for Hotbird and some other satellite (probably Eutelsat W3A). (Kai Ludwig, Germany, *ibid.*)

** U S A [non]. CELEBRATE RADIO TO EXPAND TO FM AND SHORTWAVE TO ASIA

Celebrate Radio, a 2.5 year old, non-profit international 24/7 radio station on satellite across the UK, Europe and Middle East, on shortwave radio to Latin America and everywhere on the Web, will begin broadcasting on shortwave to India, China and Southeast Asia this summer and syndicate a weekly program to FM stations in the US and overseas.

Celebrate Radio plays a special Positively Music mix of various pop genres from 18 countries, has children's, youth and spiritual programming as well as general entertainment programmes and features a mix of music in 12 languages.

It also is an interfaith station that uniquely carries Jewish, Catholic and [other!] Christian features and presenters including Anne

Graham Lotz, Rabbi Mark Siegel, Max Lucado, Dr. Jim Burns, Ron Cline, Bryan Howard from South Africa and Raymond McCullough from Belfast, and an uplifting playlist of 1500 songs. It is partnered with Stretcats Foundation for Youth and One Heart for Kids and 25 of their websites and is listener, musician and sponsor supported.
(Source: Celebrate Radio) <http://celebrateradio.com/>
(Media Network blog via DXLD)

Never heard of it before. The website mentions NEXUS/IPAR and Milan, so apparently their SW coverage depends on those secret Bulgarian transmitters. How come there are no details of where the alleged current broadcasts on SW to Latin America come from? LA is certainly not an area IRRS claims to cover, nor should it. Southeast Asia also seems a stretch for that facility, so maybe they are contemplating buying time on some more suitable transmitter sites? Looks to me like it is yet another monotheist evangelical organization trying to masquerade as something secular, like CVC. Their motto at top of page is ``I came that they might have life. . .`` Hmm, could that be referring to J.C.? How do their Jewish participants feel about that? Moslems are left out, anyway (Glenn Hauser, DX LISTENING DIGEST)

** U S A [non]. Re 7-034, AWR in Mandarin to Algeria at 2030-2100 --- I tuned to 9695 at around 2045 and the transmission was in Chinese-Mandarin. Unfortunately I didn't hear any ID and transmission simply closed on the hour. If, as seems likely, it was AWR (it was the only signal audible on the frequency) it should be via Juelich and follow French after 2030. The signal was fair at best here in NW England
(Noel R. Green, dxldyg via DX LISTENING DIGEST)

Hello Wolfgang, I've sent a message to dxld too concerning 9695 and Mandarin - that was the language I could hear last night after 2045 tune in until transmission ceased at 2100. I didn't hear any ID or IS though. The signal was fair at best. Very strange! I must try to remember to hear if still French at 2000-2030 tonight. 73 from (Noel Green via B_schel, DXLD)

Thanks Noel. 9610 2030 UT. Yes, I listened to the Juelich outlet too, BUT due of nearby Juelich dead zone, the signal skipped over my head totally, due of broadband Bulgaria signal of 9700 kHz and some BUL sideband buzz rest on 9693v, I could only hear some very, very tiny fragments in synchronous detection mode, and discovered rather Chinese louder than Arabic-Kabyle-Berber too. 73 wolfy (B_schel, DX LISTENING DIGEST)

** U S A [non]. AWR A-07 English
1130-1200 AS 15435ag
1200-1230 AS 15320we
1330-1400 AS mttfsa 15275ag

1500-1530 AS 11640ag
1530-1600 AS 15225we
1600-1630 AS 11805ag
1600-1630 AS 11640ag
1630-1700 AS 6155ag
1730-1800 ME 9980ag
1800-1830 AF 9610me
1800-1830 AF 3345me
1800-1830 swAF 3215me
2000-2030 cAF 15235ju
2100-2130 wAF 11955au
2130-2200 AS 11850ag
2230-2300 AS 15320ag

Transmitters: ju = J.lich, ag = Agat, me = Meyerton, we = Wertachtal, au = Moosbrunn (from the full schedule, converted from pdf file received from Claudius Dedio, AWR Freq Mgt Office, Germany, by Alokesh Gupta in dxldyg and by WOLFGANG BUESCHEL, re-formatted by Alan Roe, via Mike Barracough, WDXC via DXLD)

** U S A. Power Hower, March 14 at 1328 on KAIJ 9480 was lamenting that their affiliate R. Free Austin is down in that city and also in Dallas; hope they can get back on the air. Then into 9/11 conspiracy nonsense. So Power Hower condones illegal pirate broadcasting. RFA was also the source of RBN (and GCN?) programming on the OKC 107.1 pirate (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. Dr Jerry Plummer tells me that WOR is back on WWCR 12160, Saturdays at 1630-1700 UT (Glenn Hauser, in advance, March 17, dxldyg via DX LISTENING DIGEST) And it was

** U S A. WBCQ, 7415, UT Sunday March 18 at 0005 had a speaker who was making sense about religion and tolerance. Listened for a while. Looked up later, it's ``Cut the Crap with A.J.'' (Glenn Hauser, MLPDX, OK, DX LISTENING DIGEST)

** U S A. A Navy MARS net on 4825 from the Central Zone not far from here, March 16 at 1315, several NNN0 stations on SSB complaining that the band wasn't open for them this early now that DST is in effect; apparently starts at 8 am CDT, 1300 UT, which used to be 8 am CST, 1400 UT. Discussed maybe moving it to 9 am CDT next week, i.e. back to 1400 UT, which would have made sense in the first place (Glenn Hauser, OK, DX LISTENING DIGEST)

** U S A. Spoke with Mr. Doug Barton at KMTI radio via e-mail. The upcoming maintenance test is confirmed, so tune in for this late season test. Our thanks to Mr. Barton and the staff at KMTI for including us in their maintenance period (Les Rayburn, March 15, DX LISTENING DIGEST) Details in recent issue; UT Mon March 19 0600-0800

on 650 from UT (gh)

** U S A. Re 7-034, LA Ethnics --- "Ditto for LA - 670, 830, 900, 930, 1020, 1190, 1230, 1300, 1330, 1370, 1390, 1430, 1460, 1480, 1580, 1600, 1650, 93.5, 94.3, 96.3, 96.7, 97.5, 97.9, 98.3, 101.9, 103.9, 105.5, 106.3, 107.1, 107.5, but again, most of those are Spanish."

Ah, but not 93.5, which is home to the KDAY Redondo/KDAI Ontario simulcast (known in L.A.-marketspeak as a "Synchrocast") --- and local home to the highly-rated Steve Harvey morning show, during which one will regularly hear some very fine R&B Oldies (GREG HARDISON, LA CA, March 13, DX LISTENING DIGEST)

** URUGUAY. Reactivated! 6125, Radio Uruguay (SODRE), Montevideo. Talks by m/w, relaying CX26 (1050) at 1217 March 14. QRK3. Nothing on 9620 yet, the other SW which used to carry CX6.

6125 SODRE, Radio Uruguay (SODRE), Montevideo. Reactivada!! Charla por hombre y mujer a las 1217. QRK3. Nada aun en 9620, la otra OC que solía retransmitir CX6.

9621a, Emisora del Sur (SODRE), Montevideo. Reactivated! - Talks, relaying CX38 (1290). 1251 March 14. QRK2/3 QRM.

9621a, Emisora del Sur (SODRE), Montevideo, Reactivada! - Comentarios, retransmitiendo CX38 (1290). QRK2/3, QRM (Horacio Nigro, Montevideo, Uruguay, dxldyg via DX LISTENING DIGEST).

Thanks for this alert, Horacio. 9620.37 logged also in Italy, at Renato Bruni's location in Parma starting around 2130z. ID as Radio Uruguay around 22z. Only a weak carrier submerged by noise in my urban location in Milan; Salvo Micciche' in Ragusa and Walter Mola in Turin report a carrier with no audio, too. The following short audio clip, <http://www.sendspace.com/file/jgtfna> includes one of Renato's tentative IDs as heard on 9620.3 followed by the same announcement ripped from SODRE's Web stream on <http://www.sodre.gub.uy/> (apparently from the Radio Uruguay 1050 icon at bottom of their home page). To me it sounds like a perfect match. 73s (Andy Lawendel, ibid.) Viz.:

Following the kind alert of Horacio Nigro, I'm hearing (2105 UT) a weak newsbulletin in Spanish on 9620.38 kHz, followed by an interview with mentions of Argentina and Uruguay seemingly in // with the station webstream <http://www.sodre.gub.uy/> The station then IDed as "Radio Uruguay" at 2135! Good dx, (Renato Bruni, Parma, Italy <http://www.radioascolto.org/html/index.php> HCDX via DXLD)

9620.37 seems to be their frequency, according to other monitors in Europe who have measured the signal today. Right now, at 2350 -I'm

back home - there's a het on 9620, Radio Exterior de España. From their signal strength and the frequency offset from nominal 9620 as monitored locally, this seems to be the same transmitter they had been using till their QRT about 8 months ago. Just a mere 350 watts. The only visible change for this resuming also in the 31mb is that they are not simulcasting CX6 (MW 650) here with classical music as before --- a nonsense on SW with such low power. This also means that sked is not 24h as before, as they close MW 1290 at 0300. Sign-on should be 1000 (Horacio Nigro, Uruguay, Mar 15, dxldyg via DXLD)

6124.98, SODRE, Montevideo, 2015-2035, March 16, Spanish, reactivated! (Tnx Horacio Nigro for the tip!!!). Talk about movies, ID as: iRadiodifusora Nacional SODRE, desde Montevideo y para todo el país, TC: i27 minutos han pasado desde las cinco de la tarde, 23432 (Arnaldo Slaen, Argentina, ibid.)

** WESTERN SAHARA [non]. 6300, RASD, *0700-0725+ March 9, sign-on with NA, 0701-0707 Kor'an, Arabic talk music; good (Brian Alexander, Mechanicsburg PA, DX LISTENING DIGEST)

R. Nacional de la RASD, 6300, poor March 17 at 2349 in Spanish talk, 2358 hi-pitched singing past hourtop to 0002 martial music, anthem? 0003 announcement and off (Glenn Hauser, MLPDX, OK, DX LISTENING DIGEST)

** ZIMBABWE [non]. EXTRA TRANSMISSION OF VOICE OF THE PEOPLE STARTS ON SATURDAY

Hi Glenn, The info only just reached me - my colleagues are working late! Our Programme Distribution Department have just informed me that, starting on Saturday 17 March, there will be an additional transmission of Voice of the People to Zimbabwe at 0359-0457 UT on 9765 kHz. This is due to the political violence which has been occurring in Zimbabwe in recent days. This transmission will continue on a daily basis until further notice. 73, (Andy Sennitt, RN, March 15, DX LISTENING DIGEST) Presumably also via MADAGASCAR

UNIDENTIFIED [non]. Radio Ethiopia on 1044 kHz --- Dear Friends, According to Bengt Ericson in the Arctic Radio Club bulletin "MV-Eko" the station I heard about 4 weeks ago on 1044 kHz has now been identified by Tarek Zeidan, Egypt. He says that is the one I thought: Radio Ethiopia in Mekele. According to WRTH the power is 200 kW. The transmissions seem to be tests, but also "phone-in" programming has been heard. Radio Ethiopia has not confirmed that they have started these transmissions - yet! 73 from (Björn Fransson, DX-ing on the island of Gotland, Sweden, HCDX via DXLD)

UNIDENTIFIED. Something is off-frequency 100-200 Hz from 6100, as a

wavering het was audible March 16 at 1305. I did not try to determine whether on hi or lo side. Someone else reported this at a somewhat later hour, tentatively as Central African Republic's temporarily inactive and alternate frequency in Bangui to 7221v, as in PWBR ``2007'', but surely not at 1305.

Much more likely something from Asia, and there are at least three stations capable of being off-frequency: Kanggye, North Korea, 200 kW; Kyzyl, Tannu Tuva, only 5 kW, and R. Sedayee Kashmir, 100 kW from Delhi. WRTH does not show any power for N Korea, and 1 kW for Kyzyl.

Unfortunately, the S. Aoki list does not show split frequencies and rounds everything off to the nearest kHz, but let's see what he has on the air at or near this time, all daily:

6100 CRI	1300-1357 Mongolian	500 318 Beijing CHN
6100 KCBS Pyongyang	1330-1800 Korean	125 ND Kanggye KRE
6100 R. Bangui	0430-0700 French/Sango	20 ND Bangui CAF
6100 R. Bangui	1630-2130 French/Sango	20 ND Bangui CAF
6100 R. Rossii	2200-1800 Russian	0.5 ND Kyzyl RUS
6100 VOICE OF MALAYSIA	1300-1430 Thai	50 343 Kajang MLA

Just being in this list does not mean everything is really on the air; still on the list are some long inactive Latin Americans, such as TIUCR on 6105. We assume it's more up-to-date concerning Asia.

Kashmir is not mentioned. Bangui is way between transmissions if really on the air at all and propagating in the early afternoon. Even KCBS supposedly isn't on the air at 1330, tho who knows, an off-frequency carrier could be on and responsible. Here Kyzyl shows at only 0.5 kW, and even if 5.0 it seems unlikely it would be enough to produce even a het at this distance. CRI and VOM are obviously the major stations on 6100 at 1305; possibly VOM is off-frequency, like RTM is on 6050v? In any event one or both of them are likely to be the 6100.0 participant in the heterodyning. Someone further west may be able to nail it down.

EiBi shows similar scheduling, but never any powers, azimuths or decimals of frequencies (Glenn Hauser, OK, DX LISTENING DIGEST)

Hi Glenn, The het has recently become more noticeable here. There is also one strong station, but the strong het has turned me off from attempting an ID, nor have I kept a log of the activity here, but I do notice it in tuning by. As for Malaysia, RTM was indeed reported slightly off frequency (6099.72) by John Wilkins, back in early 2006 and heard till 1530*. This is one of the Malaysian frequencies that I have never been able to hear, due to the presence of stronger station(s) and/or a het. Certainly RTM could be the reason for the

het. I agree with you about Kyzyl. Hard to imagine they are a factor in producing the het (Ron Howard, Monterey, CA, dxldyg via DX LISTENING DIGEST)

UNIDENTIFIED. Re last report, het on 6100: next day, March 17 at 1342 I kept stepping up and down until I concluded that the het was on the hi side; however, Mauno Ritola studied all the carriers around there, and found that the most likely source, V. of Malaysia, was on 6099.72, while Korea North was not off-frequency (Glenn Hauser, OK, DX LISTENING DIGEST) Viz.:

I checked the frequency by SDR-IQ and AOR 7030+ with Spectrum Lab between 1000-1700, both with listening and observing carrier traces and found the following stations:

6099.72 presumed Voice of Malaysia. Thai sounding language at 1405, also Arabic at 1630. Sign-off at 1700.

6099.97 International Radio of Serbia. ID at 1430. The wobbling ($\pm 1\text{Hz}$) carrier visible already at 1200. First audio at 1403, probably Serbian, definitely not English. Long carrier breaks, and when carrier was on, audio was often missing. More continuous since 1430 and languages according to the lately publicized schedule. Maybe Dragan could check what programming they have before 1400, if any?

6100 CRI 1100-1357

6100 UNID after 1400, presumed KCBS, right on frequency, which is really exceptional for this station.

6100.02 Radio V of Kashmir 1415-1535

6100.55 R Rossii, Kyzyl until s/off 1400.

73, (Mauno Ritola, Finland, dxldyg via DX LISTENING DIGEST)

Extensive monitoring done by Olle Alm some years ago provided clear signs (alongside the accurate frequency also a softer/cleaner modulation than on other North Korean shortwave outlets) for 6100 being a Brown Boveri transmitter, bought from the closed sites in Switzerland. The same transmitter is used for Voice of Korea in Japanese on 6070. Official data specifies the site for 6100/6070 as Kanggye while all other Voice of Korea outlets are said to originate from Kujang. This could well be true, since the mentioned monitoring clearly indicated that 1/ the vast majority of the foreign service frequencies is operated from a single transmitter plant and 2/ 6100/6070 is located elsewhere (Kai Ludwig, *ibid.*)

UNIDENTIFIED. Dear Friends, Which is the unID Arabic speaking station on 7000 kHz, heard yesterday (March 16th) at 1900 and even later in the evening? 73 from (Björn Fransson, Sweden, dxldyg via DX LISTENING DIGEST)

Hi all, I think the solution of my UNID is simple. This is what Wolfy wrote:

Hi Bjoern, Or is it V of Russia Moscow Arabic with spurious mixture
7115 / 7230 kHz = 7000 kHz ??
7230 has a 500 kW Arabic outlet. \\ 6140 6060.
7115 1800-2100 28W,37 MSK 250 250 291006 250307 D RUS VOR GFC
7230 1600-2100 28W,37 MSK 500 245 291006 250307 D RUS VOR GFC
73 wolfy

I think he is quite right! I heard V. of Russia Moscow in Arabic on
7000 kHz. 73 from (Bjrn Fransson, ibid.)

DIGITAL BROADCASTING DRM: see ECUADOR; GABON; GUIANA FRENCH
+++++

PROPAGATION
+++++

ARNIE COROIS DXERS UNLIMITED, HF PLUS LOW BAND VHF PROPAGATION UPDATE
AND FORECAST

Let us begin with the actual sunspot count on Monday [which] was 11. The effective sunspot number Tuesday morning local time in Havana, around 14 hours UT was 10, with the maximum useable frequency curve going as high as 35 megaHertz over parts of Africa, a good indication of the excellent equinoctial propagation we are enjoying despite the very low solar activity. The BAD news is that we are now seeing the effects of yet another geomagnetic disturbance as the solar wind is bringing in a much higher than usual proton count. Keep time available for DXing from about an hour before your local sunset to three or four hours after sunset, and enjoy a second propagation peak starting at around two hours before sunrise, and extending no more than an hour after sunrise (Arnie Coro, CO2KK, RHC DXers Unlimited March 13 via ODXA via DXLD)

Weather related tropospheric ducting does enhance VHF, UHF and microwave propagation along the Gulf of Mexico, providing FM band Dxers in Cuba, Florida and South Eastern Mexico with nice long distance reception for many hours. I expect that the high pressure areas that generate such good tropo DX will be happening again during the next several weeks.

Item two: A year ago a big sunspot active region, the one that grew up to a size equivalent to ten times the size of the Earth, was one of the last really big ones of cycle 23; now we must wait for cycle 24 to provide us with really big sunspots. Today, ZERO sunspots, and the same has happened during the past four days. Spring equinox just

around the corner, and it's happening when the effective sunspot number is at rock bottom figures: Saturday morning local time in Havana, the effective sunspot number was just 07 (Arnie Coro, RHC DXers Unlimited March 17, recorded earlier, HCDX via DXLD)

Last week's note about 11 being the smallest sunspot number greater than 0 brought several puzzled responses, including one from Darrell Bellerive, VA7TO of Grand Forks, British Columbia, who wondered if there were other gaps in the range of possible sunspot numbers.

Barry Pfeil, K6RM of Mountain View, California wrote, "I thought the sunspot number was LITERALLY the number of sunspots and could be anything from 1 on up."

One might think so, but the number is actually somewhat subjective, and factors in the number of groups of sunspots. The National Geophysical Data Center has a link at <http://www.ngdc.noaa.gov/stp/SOLAR/SSN/ssn.html> which explains the method. The number of groups of spots is counted, and that number is multiplied by 10, then added to the number of individual sunspots. So if you saw 7 sunspots in 4 groups, the sunspot number would be 47. One spot would be 11, two spots in one group would be 12, etc. By subjective, I mean that someone must look at the spots, decide what constitutes a group, and count them.

Note that the Vernal Equinox is coming up in a few days. At 0007z on March 21 (which is Tuesday, March 20 in North America) the sunlight hitting the northern and southern hemispheres will be equal. All over the world, the sun will rise in the morning, and then set 12 hours later (QST de W1AW Propagation Forecast Bulletin 12 ARLP012 From Tad Cook, K7RA, Seattle, WA March 16, 2007 via Dave Raycroft, ODXA via DXLD)

The geomagnetic field was at quiet to unsettled levels on 05 March. At middle latitudes, activity increased to unsettled to active levels on 06 ñ 07 March, while high latitudes observed active to major storm levels, all due to a recurrent coronal hole high-speed stream. By 08 March, activity decreased to quiet to unsettled levels at all latitudes for a majority of the balance of the period. Isolated active to major storm periods were observed at high latitudes midday on 11 March. ACE near real-time solar wind data indicated the recurrent high-speed stream began early on 06 March, reached a peak of about 650 km/sec midday on 07 March, and then began to gradually subside late on the 7th. Maximum IMF variability occurred as the high-speed stream commenced with a minimum southward Bz reading of -10 nT observed early on 06 March and a maximum Bt reading of 10 nT near the same time.

SPACE WEATHER OUTLOOK 14 MARCH ñ 09 APRIL 2007

Solar activity is expected to be at very low levels. No proton events are expected at geosynchronous orbit. The greater than 2 MeV electron flux at geosynchronous orbit is expected to reach high levels during 14 ñ 23 March, 28 - 31 March, and 03 ñ 07 April.

The geomagnetic field is expected to be at unsettled to minor storm levels during 14 ñ 15 March, 26 ñ 27 March, 02 ñ 03 April, and 08 ñ 09 April, all due to recurrent coronal hole high-speed streams. otherwise, quiet to unsettled conditions are expected.

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:Product: 27-day Space Weather Outlook Table 27D0.txt
:Issued: 2007 Mar 15 1653 UTC
# Prepared by the US Dept. of Commerce, NOAA, Space Environment Center
# Product description and SEC contact on the Web
# http://www.sec.noaa.gov/wwire.html
#
#      27-day Space Weather Outlook Table
#      Issued 2007 Mar 13
#
#      UTC      Radio Flux      Planetary      Largest
#      Date      10.7 cm       A Index       Kp Index
2007 Mar 14      75          15            3
2007 Mar 15      75          10            3
2007 Mar 16      75          8             3
2007 Mar 17      75          5             2
2007 Mar 18      75          5             2
2007 Mar 19      75          5             2
2007 Mar 20      75          5             2
2007 Mar 21      75          5             2
2007 Mar 22      75          5             2
2007 Mar 23      75          5             2
2007 Mar 24      75          5             2
2007 Mar 25      75          5             2
2007 Mar 26      75          15            3
2007 Mar 27      75          20            4
2007 Mar 28      75          10            3
2007 Mar 29      75          5             2
2007 Mar 30      75          5             2
2007 Mar 31      75          5             2
2007 Apr 01      75          8             3
2007 Apr 02      75          15            3
2007 Apr 03      75          10            3
2007 Apr 04      75          5             2
2007 Apr 05      75          5             2
2007 Apr 06      75          5             2
2007 Apr 07      75          10            3
2007 Apr 08      75          15            3
2007 Apr 09      75          20            4
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(<http://www.sec.noaa.gov/radio> via WORLD OF RADIO 1350, DXLD) ####